

WHAT IS CLAIMED IS:

a<sup>1</sup>

1. A pharmaceutical/cosmetic composition of matter, comprising an anti-inflammatory effective amount of at least one peptide containing the lysine-proline-valine tripeptide sequence, the proline moiety of which existing in its dextrorotatory optical isomer form (DPro), or functional biological equivalent thereof, in a physiologically/pharmaceutically acceptable medium therefor.

10 2. The pharmaceutical/cosmetic composition as defined in Claim 1, said tripeptide sequence being situated at the C-terminal end of said at least one peptide.

15 3. The pharmaceutical/cosmetic composition as defined in Claim 1, said at least one peptide comprising the lysine-proline-valine tripeptide, the proline moiety of which existing in its dextrorotatory optical isomer form (DPro).

a

20 4. The <sup>method</sup>~~pharmaceutical/cosmetic composition~~ as defined in Claim 1, said at least one peptide comprising the lysine-proline-valine tripeptide, the lysine, proline and valine moieties of which <sup>existing</sup>~~existing~~ in their dextrorotatory optical isomer forms (D-Lys-D-Pro-D-Val).

a

a<sup>27</sup>

25 5. The pharmaceutical/cosmetic composition as defined in Claim 1, said at least one peptide including at least one protective group therefor.

a

a  
a

Q  
A

Q

a  
a

a

13. The regime as defined by Claim 12, comprising topically administering said pharmaceutical/cosmetic composition to such mammalian organism.

5 14. The regime as defined by Claim 13, comprising topically applying said pharmaceutical/cosmetic composition to the skin, scalp and/or mucous membranes of such mammalian organism.

10 15. The pharmaceutical/cosmetic composition as defined in Claim 1, further comprising an effective anti-inflammatory amount of at least one glucocorticoid, vitamin D or derivative thereof, and/or non-steroidal anti-inflammatory agent.

add  
a3